

L Number	Hits	Search Text	DB	Time stamp
-	9	((("4592619") or ("4904043") or ("5485538") or ("5487124") or ("5621573") or ("5796899") or ("5838859") or ("5841562") or ("6075635")).PN.	USPAT	2003/11/25 15:02
-	9	((("4592619") or ("4904043") or ("5485538") or ("5487124") or ("5621573") or ("5796899") or ("5838859") or ("5841562") or ("6075635")).PN.) and lens	USPAT; US-PGPUB; JPO; DERWENT	2003/11/25 15:43
-	0	((("4592619") or ("4904043") or ("5485538") or ("5487124") or ("5621573") or ("5796899") or ("5838859") or ("5841562") or ("6075635")).PN.) and (laser near2 diode) and (photo near2 diode)	USPAT; US-PGPUB; JPO; DERWENT	2003/11/25 15:44
-	7	((("4592619") or ("4904043") or ("5485538") or ("5487124") or ("5621573") or ("5796899") or ("5838859") or ("5841562") or ("6075635")).PN.) and (laser near2 diode)	USPAT; US-PGPUB; JPO; DERWENT	2003/11/25 15:44
-	7	((("4592619") or ("4904043") or ("5485538") or ("5487124") or ("5621573") or ("5796899") or ("5838859") or ("5841562") or ("6075635")).PN.) and (photodiode)	USPAT; US-PGPUB; JPO; DERWENT	2003/11/25 15:44
-	5	((("4592619") or ("4904043") or ("5485538") or ("5487124") or ("5621573") or ("5796899") or ("5838859") or ("5841562") or ("6075635")).PN.) and (laser near2 diode)) and (((("4592619") or ("4904043") or ("5485538") or ("5487124") or ("5621573") or ("5796899") or ("5838859") or ("5841562") or ("6075635")).PN.) and (photodiode))	USPAT; US-PGPUB; JPO; DERWENT	2003/11/25 15:57
-	4	((("4592619") or ("4904043") or ("5485538") or ("5487124") or ("5621573") or ("5796899") or ("5838859") or ("5841562") or ("6075635")).PN.) and lens) not (((("4592619") or ("4904043") or ("5485538") or ("5487124") or ("5621573") or ("5796899") or ("5838859") or ("5841562") or ("6075635")).PN.) and (laser near2 diode)) and (((("4592619") or ("4904043") or ("5485538") or ("5487124") or ("5621573") or ("5796899") or ("5838859") or ("5841562") or ("6075635")).PN.) and (photodiode)))	USPAT; US-PGPUB; JPO; DERWENT	2003/11/25 16:24
-	21	("4068952" "4643521" "4695697" "4730330" "4787696" "4824193" "4834485" "4887255" "4912523" "4995696" "5011255" "5039191" "5058978" "5082339" "5127072" "5127075" "5179609" "5253313" "5285274" "5293441" "5345530").PN.	USPAT	2003/11/25 16:31
-	15	5487124.URPN.	USPAT	2003/11/25 16:46
-	25	("5011246" "5019673" "5139969" "5352926" "5487124" "5579208" "5608262" "5723369" "5726079" "5744827" "5790384" "5798567" "5821615" "5949135" "6043430" "6054759" "6075284" "6201704" "6236109" "6258630" "6281568" "6305848" "6316837" "6316838" "6318909" "2001/0013645" "2001/0048151").PN.	USPAT	2003/11/25 16:50

-	6	("4210803" "4268756" "4327963" "4327971" "4348074" "4448524").PN.	USPAT	2003/11/25 16:56
-	10	4592619.URPN.	USPAT	2003/11/25 16:58
-	14	("4078852" "4111524" "4198117" "4220411" "4285571" "4392619" "4456329" "4475424" "4522462" "4566761" "4622662" "4630255" "4701010" "4767171").PN.	USPAT	2003/11/25 16:59
-	12	4904043.URPN.	USPAT	2003/11/25 17:00
-	27	("H000933" "3802780" "4068952" "4643521" "4695697" "4730330" "4787696" "4790616" "4824193" "4834485" "4887255" "4912523" "4995696" "5011255" "5039191" "5058978" "5082339" "5126869" "5127072" "5127075" "5179609" "5253033" "5253313" "5285274" "5293441" "5345530" "5363221").PN.	USPAT	2003/11/25 17:01
-	18	5485538.URPN.	USPAT	2003/11/25 17:03
-	15	("4262362" "4611884" "4962990" "4979791" "5031984" "5127075" "5291571" "5347605" "5357103" "5400419" "5404414" "5463707" "5485538" "5487124" "5500911").PN.	USPAT	2003/11/25 17:05
-	4	5621573.URPN.	USPAT	2003/11/25 17:08
-	3	("5127075" "5347605" "5408559").PN.	USPAT	2003/11/25 17:09
-	11	5408559.URPN.	USPAT	2003/11/25 17:10
-	8	("5124281" "5181216" "5291572" "5307434" "5367589" "5408559" "5439782" "5600741").PN.	USPAT	2003/11/25 17:11
-	1	5848211.URPN.	USPAT	2003/11/25 17:12
-	4	("4701010" "5408559" "5463707" "5796899").PN.	USPAT	2003/11/25 17:14
-	7	("5408559" "5552918" "5663821" "5867622" "6040934" "6075635" "6106160").PN.	USPAT	2003/11/25 17:15
-	4	5796899.URPN.	USPAT	2003/11/25 17:16
-	4	("5127075" "5291571" "5347605" "5408559").PN.	USPAT	2003/11/25 17:17
-	1	5838859.URPN.	USPAT	2003/11/25 17:17
-	5	5841562.URPN.	USPAT	2003/11/25 17:18
-	6	("4118105" "4199222" "5127075" "5222170" "5347605" "5621573").PN.	USPAT	2003/11/25 17:18
-	2	6075635.URPN.	USPAT	2003/11/25 17:19
-	6	("4165496" "4262362" "4767171" "5402508" "5416624" "5530577").PN.	USPAT	2003/11/25 17:19
-	274	11-34	USPAT; JPO; DERWENT	2003/11/25 17:58
-	400	((385/88,89,92-94,14) or (398/135,139)).CCLS.) and (transceiver)) not 11-34	USPAT; JPO; DERWENT	2004/08/26 14:37
-	6	("4737008" "5002357" "5852696" "6213651" "6328484" "6374021").PN.	USPAT	2003/11/25 18:22

-	14	(US-6075635-\$ or US-5841562-\$ or US-5487124-\$ or US-5485538-\$ or US-5127075-\$ or US-6624507-\$ or US-4767171-\$ or US-6493121-\$ or US-5408559-\$ or US-6282000-\$ or US-6142680-\$ or US-5848211-\$ or US-6106160-\$ or US-6124956-\$).did.	USPAT	2003/11/26 09:49
-	4	((US-6075635-\$ or US-5841562-\$ or US-5487124-\$ or US-5485538-\$ or US-5127075-\$ or US-6624507-\$ or US-4767171-\$ or US-6493121-\$ or US-5408559-\$ or US-6282000-\$ or US-6142680-\$ or US-5848211-\$ or US-6106160-\$ or US-6124956-\$).did.) and collimat\$4	USPAT; US-PGPUB; JPO; DERWENT	2003/11/26 11:03
-	0	((US-6075635-\$ or US-5841562-\$ or US-5487124-\$ or US-5485538-\$ or US-5127075-\$ or US-6624507-\$ or US-4767171-\$ or US-6493121-\$ or US-5408559-\$ or US-6282000-\$ or US-6142680-\$ or US-5848211-\$ or US-6106160-\$ or US-6124956-\$).did.) and (collimat\$4 same (circular aspherical))	USPAT; US-PGPUB; JPO; DERWENT	2003/11/26 11:04
-	0	((US-6075635-\$ or US-5841562-\$ or US-5487124-\$ or US-5485538-\$ or US-5127075-\$ or US-6624507-\$ or US-4767171-\$ or US-6493121-\$ or US-5408559-\$ or US-6282000-\$ or US-6142680-\$ or US-5848211-\$ or US-6106160-\$ or US-6124956-\$).did.) and (collimat\$4 same (circular aspheric\$3))	USPAT; US-PGPUB; JPO; DERWENT	2003/11/26 11:07
-	0	((US-6075635-\$ or US-5841562-\$ or US-5487124-\$ or US-5485538-\$ or US-5127075-\$ or US-6624507-\$ or US-4767171-\$ or US-6493121-\$ or US-5408559-\$ or US-6282000-\$ or US-6142680-\$ or US-5848211-\$ or US-6106160-\$ or US-6124956-\$).did.) and (collimat\$4 same spheric\$3)	USPAT; US-PGPUB; JPO; DERWENT	2003/11/26 11:04
-	5867	((385/88,89,92-94,14) or (398/135,139)).CCLS.	USPAT; US-PGPUB; JPO; DERWENT	2003/11/26 11:05
-	647	(((385/88,89,92-94,14) or (398/135,139)).CCLS.) and (transceiver)	USPAT; US-PGPUB; JPO; DERWENT	2003/11/26 11:07
-	14	(((385/88,89,92-94,14) or (398/135,139)).CCLS.) and (transceiver)) and (collimat\$4 same lens same (circular aspheric\$3))	USPAT; US-PGPUB; JPO; DERWENT	2003/11/26 11:08
-	2	("6722793").PN.	USPAT; US-PGPUB; JPO; DERWENT	2004/08/26 14:28
-	3389	(((385/88,89,92-94,14,139) or (398/128,129,135,139)).CCLS.) and ((transceiv\$3) or ((emit\$3 emission transmit\$3 transmission radiat\$3) and (receiv\$3 detect\$3 receipt\$3)))	USPAT; JPO; DERWENT	2004/08/26 14:47

-	1148	((((385/88,89,92-94,14,139) or (398/128,129,135,139)).CCLS.) and ((transceiv\$3) or ((emit\$3 emission transmit\$3 transmission radiat\$3) and (receiv\$3 detect\$3 receipt\$3)))) and (laser near2 diode)	USPAT; JPO; DERWENT	2004/08/26 14:48
-	2806	((((385/88,89,92-94,14,139) or (398/128,129,135,139)).CCLS.) and ((transceiv\$3) or ((emit\$3 emission transmit\$3 transmission radiat\$3) and (receiv\$3 detect\$3 receipt\$3)))) and (optic\$2 near2 (cable fiber))	USPAT; JPO; DERWENT	2004/08/26 14:48
-	403	((((385/88,89,92-94,14,139) or (398/128,129,135,139)).CCLS.) and ((transceiv\$3) or ((emit\$3 emission transmit\$3 transmission radiat\$3) and (receiv\$3 detect\$3 receipt\$3)))) and ((collimat\$3 condens\$3) near2 lens)	USPAT; JPO; DERWENT	2004/08/26 14:50
-	891	((((385/88,89,92-94,14,139) or (398/128,129,135,139)).CCLS.) and ((transceiv\$3) or ((emit\$3 emission transmit\$3 transmission radiat\$3) and (receiv\$3 detect\$3 receipt\$3)))) and (mirror)	USPAT; JPO; DERWENT	2004/08/26 14:51
-	7	("4373814" "5125053" "5127075" "5838859" "5841562" "5867622" "6040934").PN.	USPAT	2004/08/26 15:00
-	6	6334716.URPN.	USPAT	2004/08/26 15:01
-	1	("6722793").PN.	USPAT	2004/08/26 15:22
-	4	("4969712" "5664035" "6028708" "6097521").PN.	USPAT	2004/08/26 15:10
-	0	6722793.URPN.	USPAT	2004/08/26 15:11
-	4	("4969712" "5664035" "6028708" "6097521").PN.	USPAT	2004/08/26 15:21
-	1	("6332719").PN.	USPAT	2004/08/26 15:22
-	4	("5276756" "5633962" "5666446" "5671315").PN.	USPAT	2004/08/26 15:26
-	6	((US-5841562-\$ or US-6075635-\$ or US-5487124-\$ or US-5485538-\$ or US-5127075-\$ or US-6624507-\$ or US-4767171-\$ or US-6722793-\$ or US-6493121-\$ or US-5408559-\$ or US-5848211-\$ or US-6282000-\$ or US-6142680-\$ or US-6106160-\$ or US-6652161-\$ or US-6124956-\$ or US-4958902-\$ or US-6334716-\$ or US-6332719-\$).did.) and (collimat\$3 near2 lens)	USPAT	2004/08/26 17:09
-	19	(US-5841562-\$ or US-6075635-\$ or US-5487124-\$ or US-5485538-\$ or US-5127075-\$ or US-6624507-\$ or US-4767171-\$ or US-6722793-\$ or US-6493121-\$ or US-5408559-\$ or US-5848211-\$ or US-6282000-\$ or US-6142680-\$ or US-6106160-\$ or US-6652161-\$ or US-6124956-\$ or US-4958902-\$ or US-6334716-\$ or US-6332719-\$).did.	USPAT	2004/08/27 08:21

-	0	((US-5841562-\$ or US-6075635-\$ or US-5487124-\$ or US-5485538-\$ or US-5127075-\$ or US-6624507-\$ or US-4767171-\$ or US-6722793-\$ or US-6493121-\$ or US-5408559-\$ or US-5848211-\$ or US-6282000-\$ or US-6142680-\$ or US-6106160-\$ or US-6652161-\$ or US-6124956-\$ or US-4958902-\$ or US-6334716-\$ or US-6332719-\$).did.) and collimat\$3 with (increase decrease improve reduce)	USPAT	2004/08/27 08:25
-	1	((US-5841562-\$ or US-6075635-\$ or US-5487124-\$ or US-5485538-\$ or US-5127075-\$ or US-6624507-\$ or US-4767171-\$ or US-6722793-\$ or US-6493121-\$ or US-5408559-\$ or US-5848211-\$ or US-6282000-\$ or US-6142680-\$ or US-6106160-\$ or US-6652161-\$ or US-6124956-\$ or US-4958902-\$ or US-6334716-\$ or US-6332719-\$).did.) and collimat\$3 same (increase decrease improve reduce)	USPAT	2004/08/27 08:22
-	2	(((((385/88,89,92-94,14,139) or (398/128,129,135,139)).CCLS.) and ((transceiv\$3) or ((emit\$3 emission transmit\$3 transmission radiat\$3) and (receiv\$3 detect\$3 receipt\$3)))) and (laser near2 diode)) and (((((385/88,89,92-94,14,139) or (398/128,129,135,139)).CCLS.) and ((transceiv\$3) or ((emit\$3 emission transmit\$3 transmission radiat\$3) and (receiv\$3 detect\$3 receipt\$3)))) and (optic\$2 near2 (cable fiber))) and (((((385/88,89,92-94,14,139) or (398/128,129,135,139)).CCLS.) and ((transceiv\$3) or ((emit\$3 emission transmit\$3 transmission radiat\$3) and (receiv\$3 detect\$3 receipt\$3)))) and ((collimat\$3 condens\$3) near2 lens)) and (((((385/88,89,92-94,14,139) or (398/128,129,135,139)).CCLS.) and ((transceiv\$3) or ((emit\$3 emission transmit\$3 transmission radiat\$3) and (receiv\$3 detect\$3 receipt\$3)))) and (mirror))) and collimat\$3 with (increase decrease improve reduce)	USPAT	2004/08/27 08:28
-	39	((385/88,89,92-94,14,139) or (398/128,129,135,139)).CCLS.) and collimat\$3 with (increase decrease improve reduce)	USPAT	2004/08/27 08:28
-	21	(US-6334716-\$ or US-6624507-\$ or US-6493121-\$ or US-6652161-\$ or US-6332719-\$ or US-6282000-\$ or US-6142680-\$ or US-6124956-\$ or US-6722793-\$ or US-5841562-\$ or US-6106160-\$ or US-5848211-\$ or US-6075635-\$ or US-5487124-\$ or US-5485538-\$ or US-5408559-\$ or US-5127075-\$ or US-4958902-\$ or US-4767171-\$ or US-5475215-\$ or US-4677531-\$).did.	USPAT	2004/08/27 11:51

	0	((US-6334716-\$ or US-6624507-\$ or US-6493121-\$ or US-6652161-\$ or US-6332719-\$ or US-6282000-\$ or US-6142680-\$ or US-6124956-\$ or US-6722793-\$ or US-5841562-\$ or US-6106160-\$ or US-5848211-\$ or US-6075635-\$ or US-5487124-\$ or US-5485538-\$ or US-5408559-\$ or US-5127075-\$ or US-4958902-\$ or US-4767171-\$ or US-5475215-\$ or US-4677531-\$).did.) and anamorphic	USPAT; US-PGPUB; JPO; DERWENT	2004/08/27 11:52
	6	(((((385/88,89,92-94,14,139) or (398/128,129,135,139)).CCLS.) and ((transceiv\$3) or ((emit\$3 emission transmit\$3 transmission radiat\$3) and (receiv\$3 detect\$3 receipt\$3)))) and (laser near2 diode)) and (((((385/88,89,92-94,14,139) or (398/128,129,135,139)).CCLS.) and ((transceiv\$3) or ((emit\$3 emission transmit\$3 transmission radiat\$3) and (receiv\$3 detect\$3 receipt\$3)))) and (optic\$2 near2 (cable fiber))) and (((((385/88,89,92-94,14,139) or (398/128,129,135,139)).CCLS.) and ((transceiv\$3) or ((emit\$3 emission transmit\$3 transmission radiat\$3) and (receiv\$3 detect\$3 receipt\$3)))) and ((collimat\$3 condens\$3) near2 lens)) and (((((385/88,89,92-94,14,139) or (398/128,129,135,139)).CCLS.) and ((transceiv\$3) or ((emit\$3 emission transmit\$3 transmission radiat\$3) and (receiv\$3 detect\$3 receipt\$3)))) and (mirror))) and anamorphic	USPAT; US-PGPUB; JPO; DERWENT	2004/08/27 11:56
	5885	((385/88,89,92-94,14,139) or (398/128,129,135,139)).CCLS.	USPAT; JPO; DERWENT	2004/08/27 11:55
	5	((((385/88,89,92-94,14,139) or (398/128,129,135,139)).CCLS.) and (collimat\$3 with anamorphic))	USPAT; US-PGPUB; JPO; DERWENT	2004/08/27 11:56
	15	((US-6334716-\$ or US-6624507-\$ or US-6493121-\$ or US-6652161-\$ or US-6332719-\$ or US-6282000-\$ or US-6142680-\$ or US-6124956-\$ or US-6722793-\$ or US-5841562-\$ or US-6106160-\$ or US-5848211-\$ or US-6075635-\$ or US-5487124-\$ or US-5485538-\$ or US-5408559-\$ or US-5127075-\$ or US-4958902-\$ or US-4767171-\$ or US-5475215-\$ or US-4677531-\$).did.) and filter	USPAT; JPO; DERWENT	2004/08/27 12:05
	22	(US-6075635-\$ or US-5841562-\$ or US-5487124-\$ or US-5485538-\$ or US-5127075-\$ or US-6624507-\$ or US-4767171-\$ or US-6493121-\$ or US-5408559-\$ or US-6282000-\$ or US-6142680-\$ or US-5848211-\$ or US-6106160-\$ or US-6334716-\$ or US-6652161-\$ or US-6332719-\$ or US-6124956-\$ or US-6722793-\$ or US-4958902-\$ or US-6128134-\$ or US-5475215-\$ or US-4677531-\$).did.	USPAT	2004/08/30 09:28

-	0	((US-6075635-\$ or US-5841562-\$ or US-5487124-\$ or US-5485538-\$ or US-5127075-\$ or US-6624507-\$ or US-4767171-\$ or US-6493121-\$ or US-5408559-\$ or US-6282000-\$ or US-6142680-\$ or US-5848211-\$ or US-6106160-\$ or US-6334716-\$ or US-6652161-\$ or US-6332719-\$ or US-6124956-\$ or US-6722793-\$ or US-4958902-\$ or US-6128134-\$ or US-5475215-\$ or US-4677531-\$).did.) and (diffract\$6 near2 limit\$3)	USPAT; US-PGPUB; JPO; DERWENT	2004/08/30 09:29
-	90	((((385/88,89,92-94,14,139) or (398/128,129,135,139)).CCLS.) and ((transceiv\$3) or ((emit\$3 emission transmit\$3 transmission radiat\$3) and (receiv\$3 detect\$3 recept\$3)))) and (laser near2 diode)) and (((((385/88,89,92-94,14,139) or (398/128,129,135,139)).CCLS.) and ((transceiv\$3) or ((emit\$3 emission transmit\$3 transmission radiat\$3) and (receiv\$3 detect\$3 recept\$3)))) and (optic\$2 near2 (cable fiber))) and (((((385/88,89,92-94,14,139) or (398/128,129,135,139)).CCLS.) and ((transceiv\$3) or ((emit\$3 emission transmit\$3 transmission radiat\$3) and (receiv\$3 detect\$3 recept\$3)))) and (collimat\$3 condens\$3 near2 lens)) and (((((385/88,89,92-94,14,139) or (398/128,129,135,139)).CCLS.) and ((transceiv\$3) or ((emit\$3 emission transmit\$3 transmission radiat\$3) and (receiv\$3 detect\$3 recept\$3)))) and (mirror)))	USPAT; JPO; DERWENT	2004/08/30 09:40
-	18	(((((385/88,89,92-94,14,139) or (398/128,129,135,139)).CCLS.) and ((transceiv\$3) or ((emit\$3 emission transmit\$3 transmission radiat\$3) and (receiv\$3 detect\$3 recept\$3)))) and (laser near2 diode)) and (((((385/88,89,92-94,14,139) or (398/128,129,135,139)).CCLS.) and ((transceiv\$3) or ((emit\$3 emission transmit\$3 transmission radiat\$3) and (receiv\$3 detect\$3 recept\$3)))) and (optic\$2 near2 (cable fiber))) and (((((385/88,89,92-94,14,139) or (398/128,129,135,139)).CCLS.) and ((transceiv\$3) or ((emit\$3 emission transmit\$3 transmission radiat\$3) and (receiv\$3 detect\$3 recept\$3)))) and (collimat\$3 condens\$3 near2 lens)) and (((((385/88,89,92-94,14,139) or (398/128,129,135,139)).CCLS.) and ((transceiv\$3) or ((emit\$3 emission transmit\$3 transmission radiat\$3) and (receiv\$3 detect\$3 recept\$3)))) and (mirror))) and (diffract\$6 near2 limit\$3)	USPAT; US-PGPUB; JPO; DERWENT	2004/08/30 09:41

-	0	((US-6075635-\$ or US-5841562-\$ or US-5487124-\$ or US-5485538-\$ or US-5127075-\$ or US-6624507-\$ or US-4767171-\$ or US-6493121-\$ or US-5408559-\$ or US-6282000-\$ or US-6142680-\$ or US-5848211-\$ or US-6106160-\$ or US-6334716-\$ or US-6652161-\$ or US-6332719-\$ or US-6124956-\$ or US-6722793-\$ or US-4958902-\$ or US-6128134-\$ or US-5475215-\$ or US-4677531-\$).did.) and (circular near aspherical with collimat\$3)	USPAT; US-PGPUB; JPO; DERWENT	2004/08/30 10:34
-	0	(((((385/88,89,92-94,14,139) or (398/128,129,135,139)).CCLS.) and ((transceiv\$3) or ((emit\$3 emission transmit\$3 transmission radiat\$3) and (receiv\$3 detect\$3 receipt\$3)))) and (laser near2 diode)) and (((((385/88,89,92-94,14,139) or (398/128,129,135,139)).CCLS.) and ((transceiv\$3) or ((emit\$3 emission transmit\$3 transmission radiat\$3) and (receiv\$3 detect\$3 receipt\$3)))) and (optic\$2 near2 (cable fiber))) and (((((385/88,89,92-94,14,139) or (398/128,129,135,139)).CCLS.) and ((transceiv\$3) or ((emit\$3 emission transmit\$3 transmission radiat\$3) and (receiv\$3 detect\$3 receipt\$3)))) and ((collimat\$3 condens\$3) near2 lens)) and (((((385/88,89,92-94,14,139) or (398/128,129,135,139)).CCLS.) and ((transceiv\$3) or ((emit\$3 emission transmit\$3 transmission radiat\$3) and (receiv\$3 detect\$3 receipt\$3)))) and (mirror)) and (circular near aspherical with collimat\$3)	USPAT; US-PGPUB; JPO; DERWENT	2004/08/30 10:34